



ATGATGGCTGCAGGCCCCCGACCTCCCTGCTCCTGGCTTTGCCCCTGCTCTGCCTGCCC
M M A A G P R T S L L L A F A L L C L P
-20 10

I —————
TGGACTCAGGTGGTGGGGCGCCTTCCCAGCCATGTCCTTGTCCGGCCTGTTTGCCAACGCT
W T Q V V G A F P A M S L S G L F A N A

Helix I ————— I
GTGCTCCGGGCTCAGCACCTGCATCAGCTGGCTGCTGACACCTTCAAAGAGTTTGAGCGC
V L R A Q H L H Q L A A D T F K E F E R
20 30

ACCTACATCCCGGAGGGACAGAGATACTCCATCCAGAACACCCAGGTTGCCTTCTGCTTC
T Y I P E G Q R Y S I Q N T Q V A F C F
40 50

I ————— Helix II ————
TCTGAAACCATCCCGGCCCCCAGGGCAAGAATGAGGCCCAGCAGAAATCAGACTTGGAG
S E T I P A P T G K N E A Q Q K S D L E
60 70

I —————
CTGCTTCGCATCTCACTGCTCCTCATCCAGTCGTGGCTTGGGCCCTGCAGTTCTCAGC
L L R I S L L L I Q S W L G P L Q F L S
80 90

I —————
AGAGTCTTCACCAACAGCTTGGTGTGTTGGCACCTCGGACCGTGTCTATGAGAAGCTGAAG
R V F T N S L V F G T S D R V Y E K L K
100 110

Helix III ————— I
GACCTGGAGGAAAGGATCCTGCCCCTGATGCGGGAGCTGGAAGATGGCACCCCCCGGGCT
D L E E R I L A L M R E L E D G T P R A
120 130

I —————
GGGCAGATCCTCAAGCAGACCTATGACAAATTTGACACAAACATGCGCAGTGACGACGCG
G Q I L K Q T Y D K F D T N M R S D D A
140 150

Helix IV —————
CTGCTCAAGAACTACGGTCTGCTCTCCTGCTTCCGGAAGGACCTGCATAAGACGGAGACG
L L K N Y G L L S C F R K D L H K T E T
160 170

I —————
TACCTGAGGGTCATGAAGTGCCGCGCTTCCGGGAGGCCAGCTGTGCCTTCTAG
Y L R V M K C R R F G E A S C A F END
180 190

FIG.1

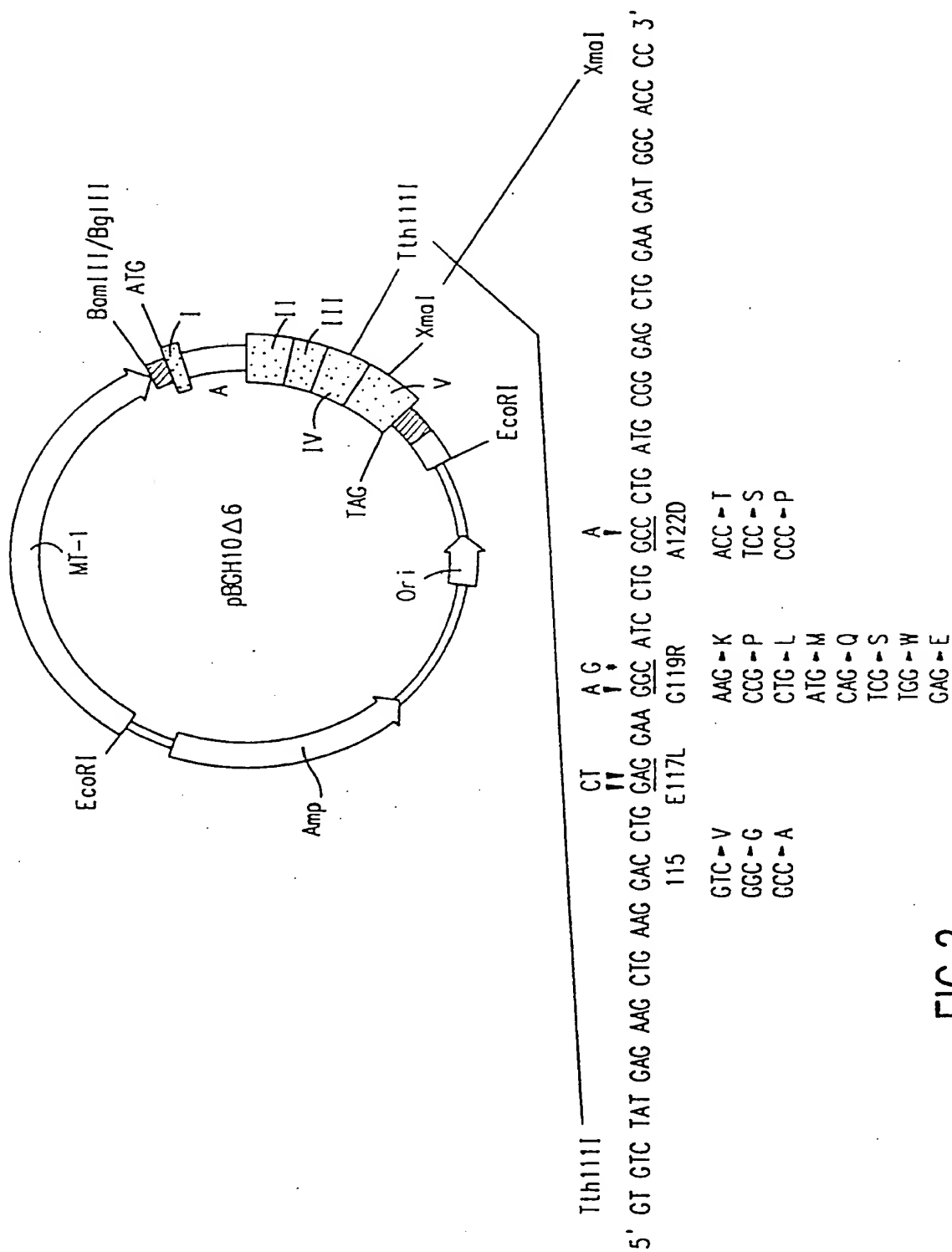


FIG.2

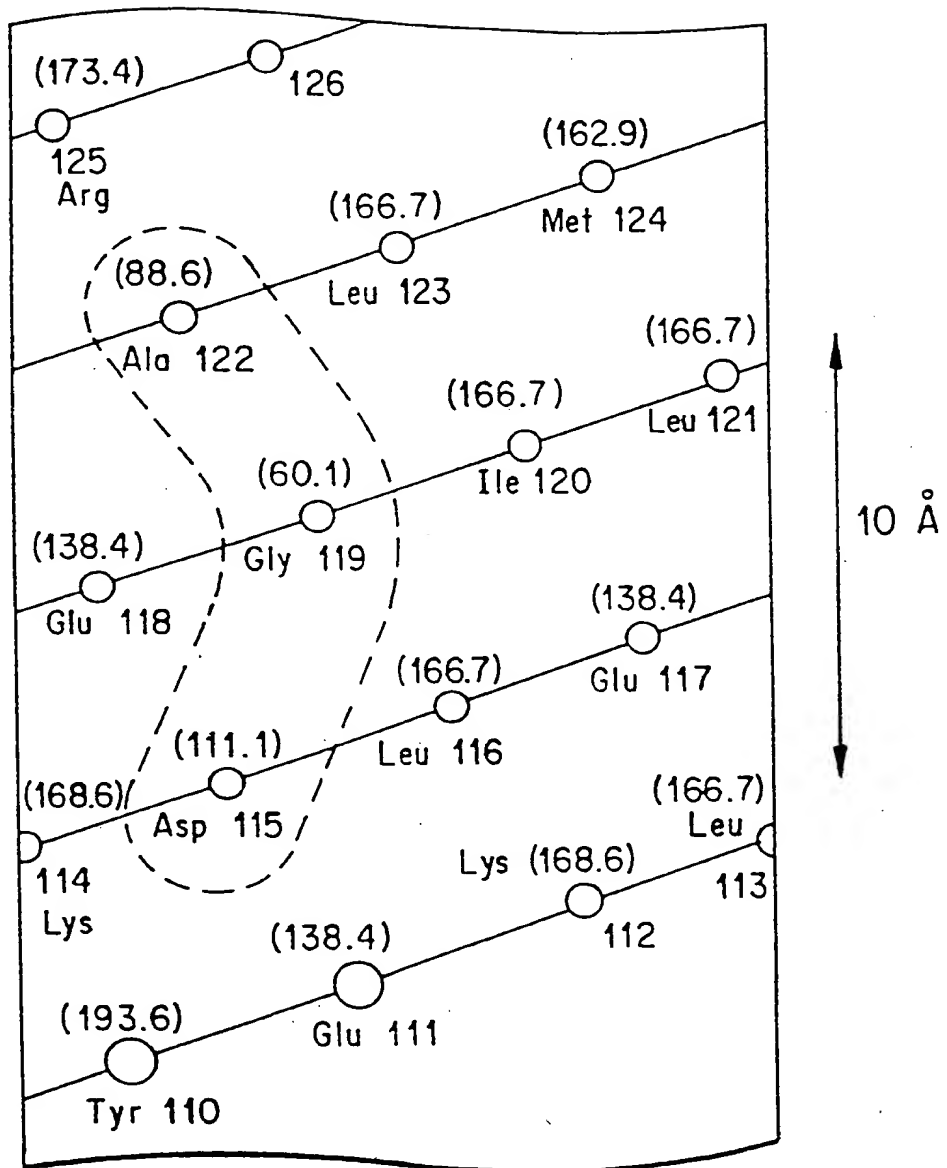


FIG. 3

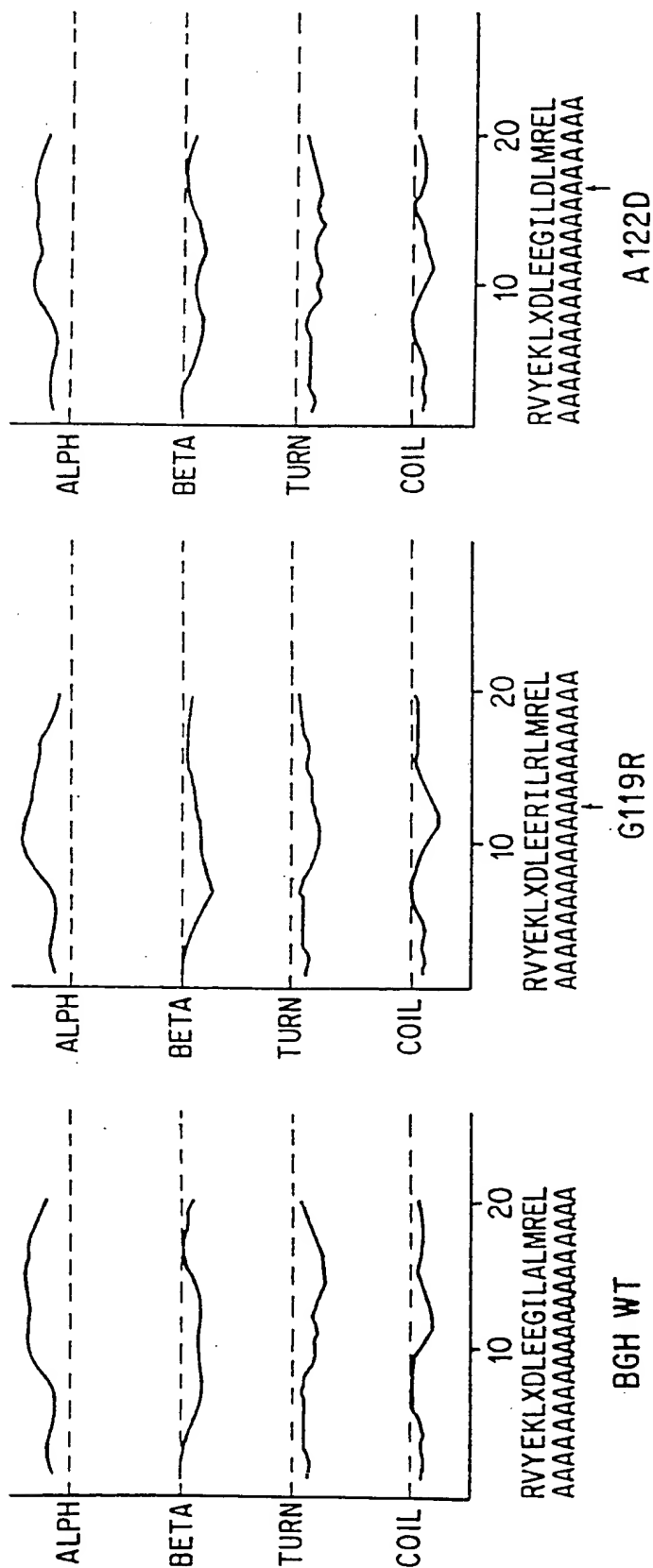


FIG. 4A

FIG. 4B

FIG. 4C

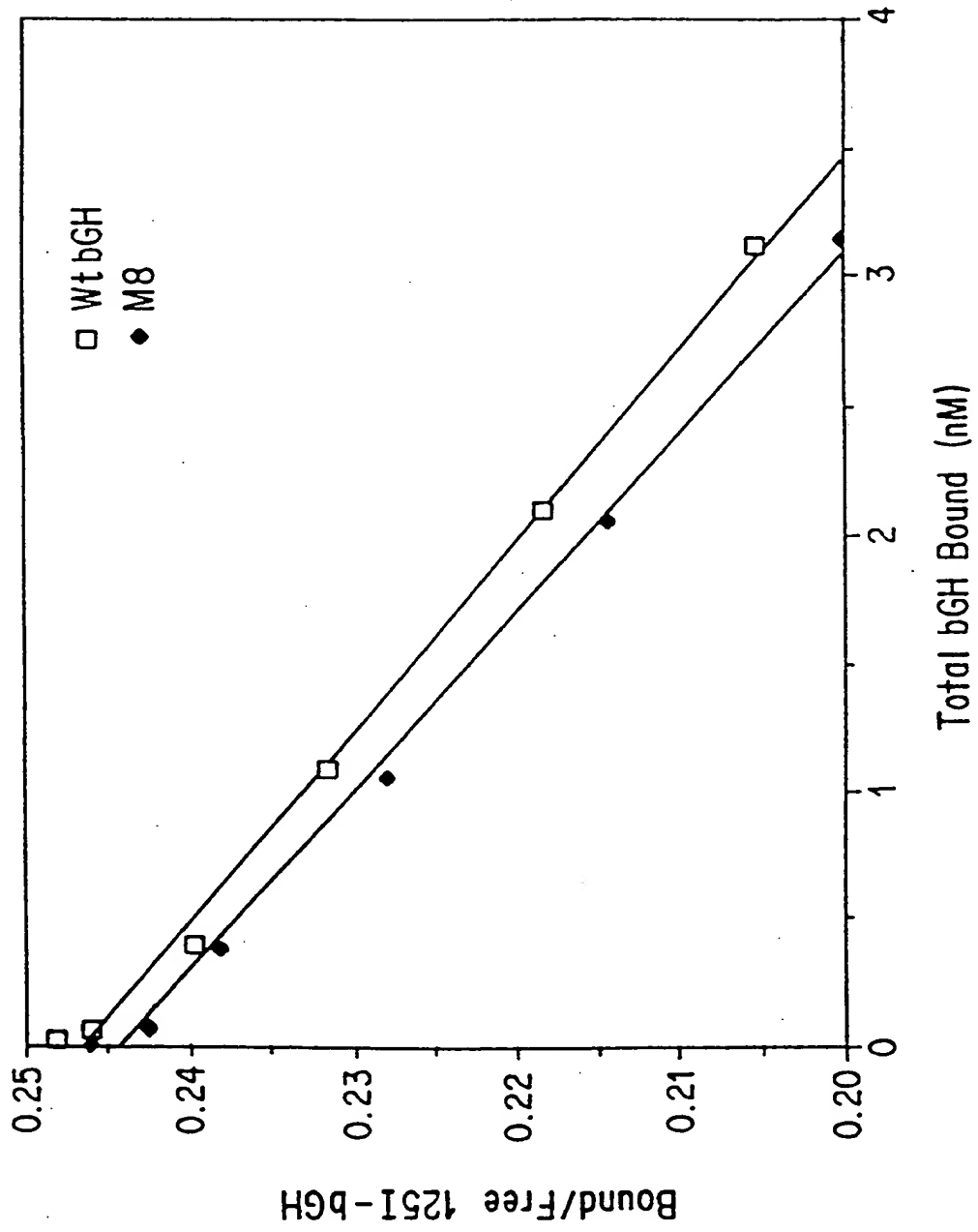


FIG. 5

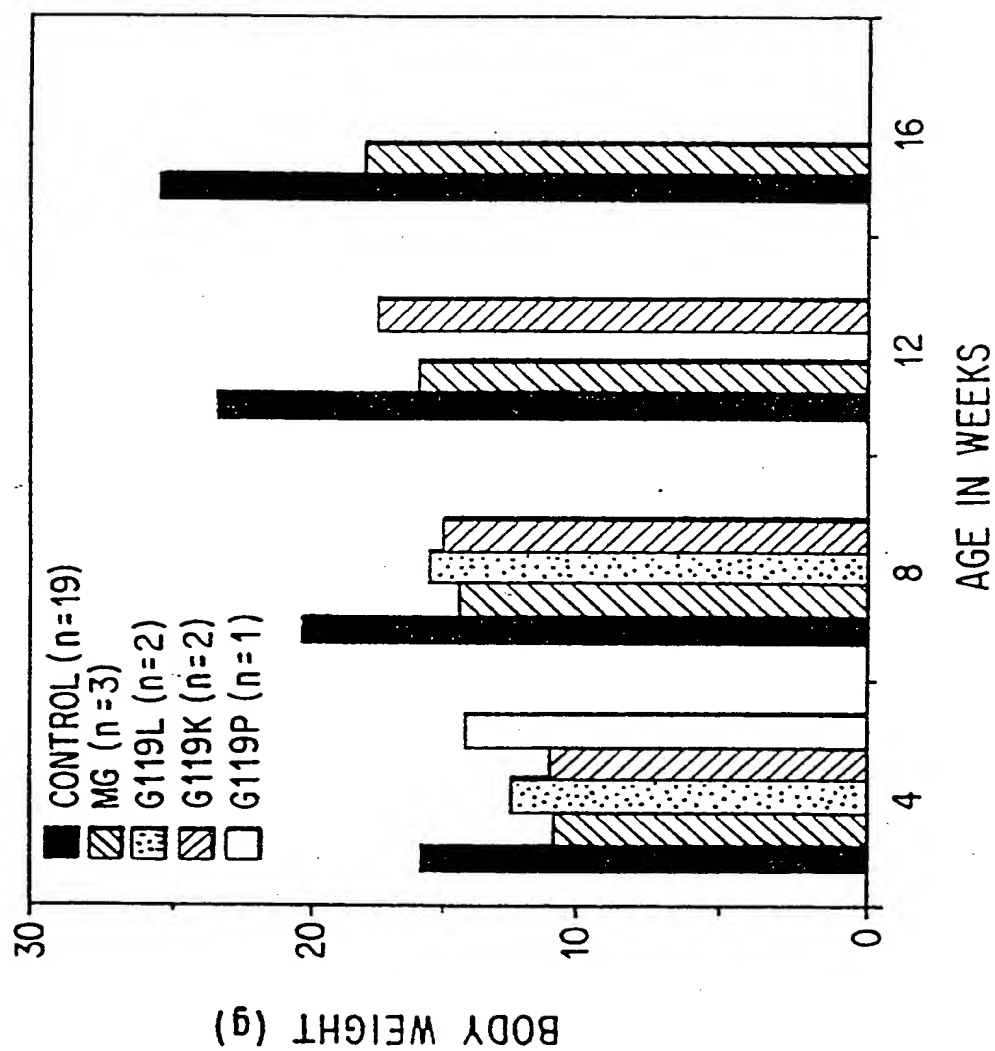


FIG. 6

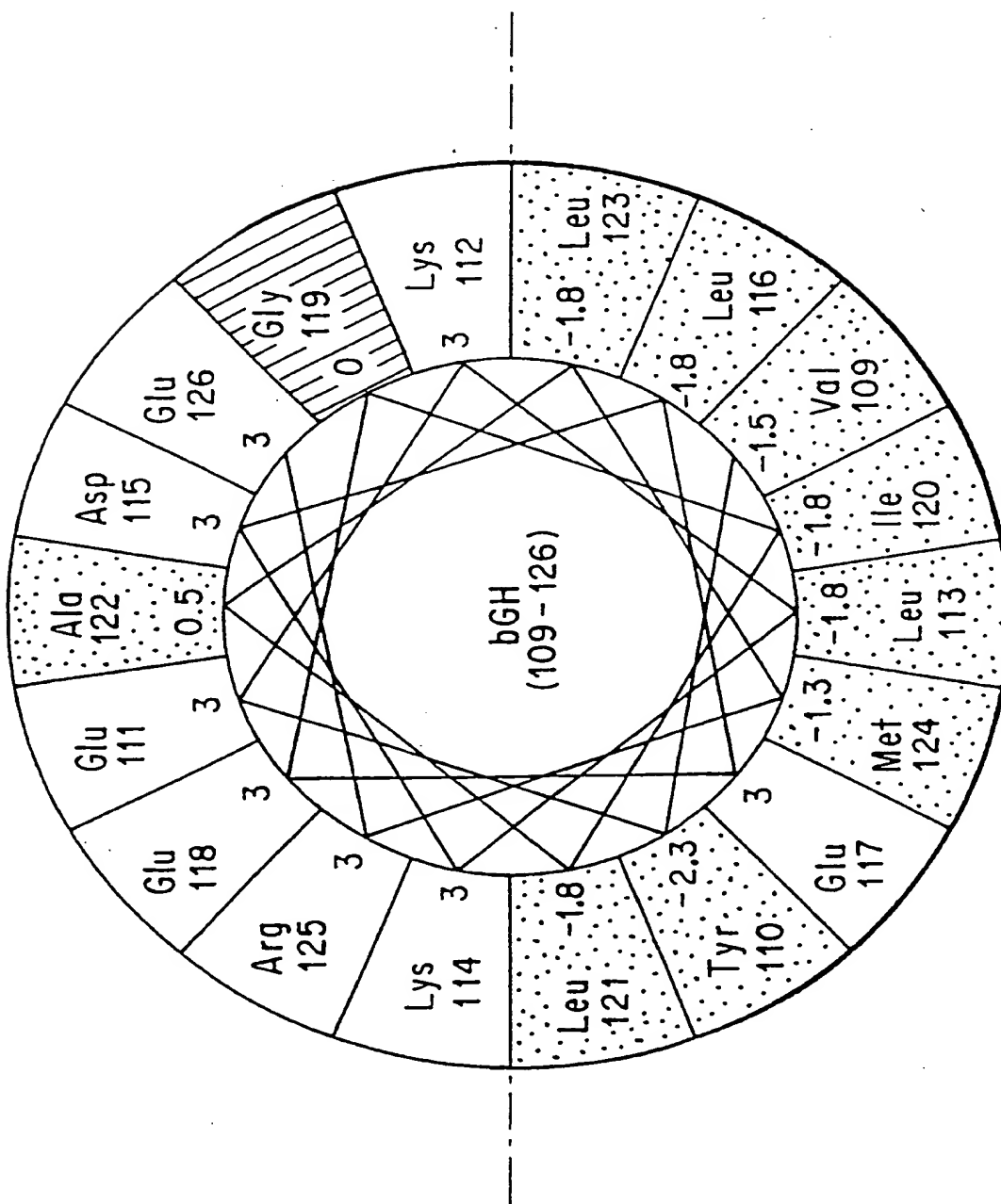


FIG. 7

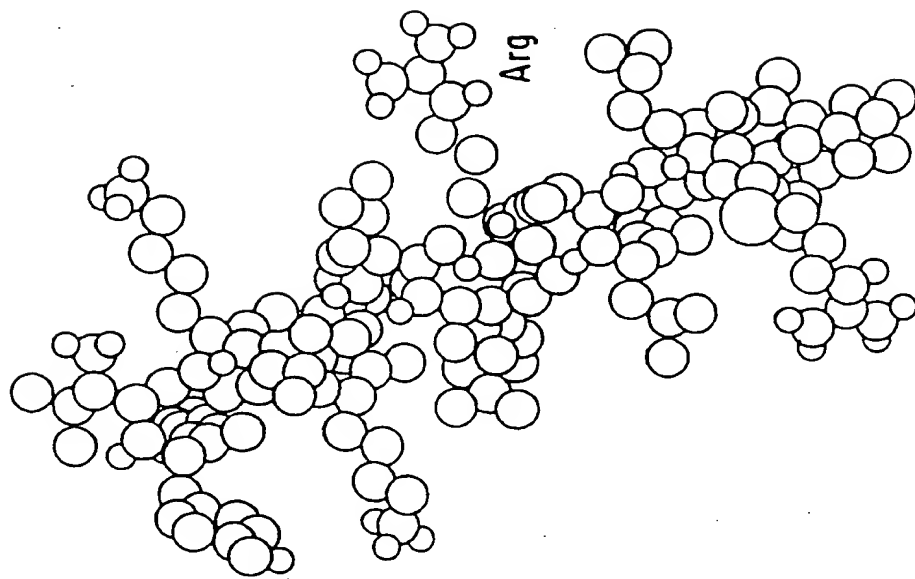


FIG. 8B

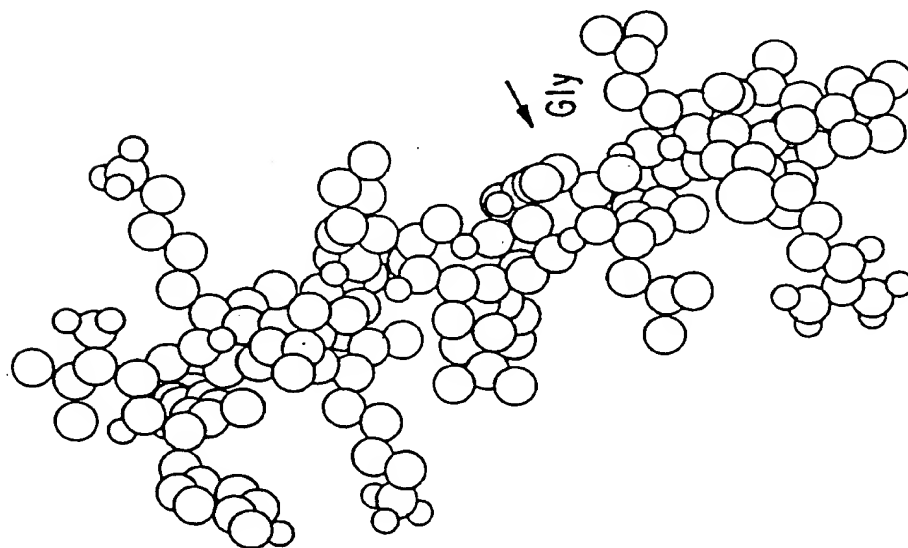


FIG. 8A



FIG. 9A

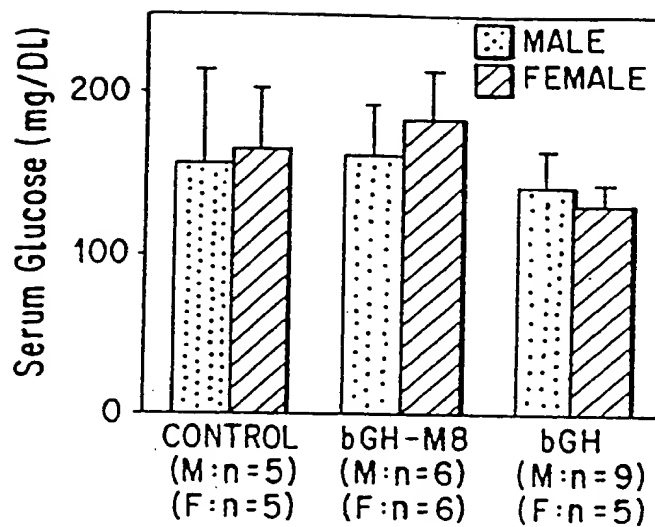


FIG. 9B

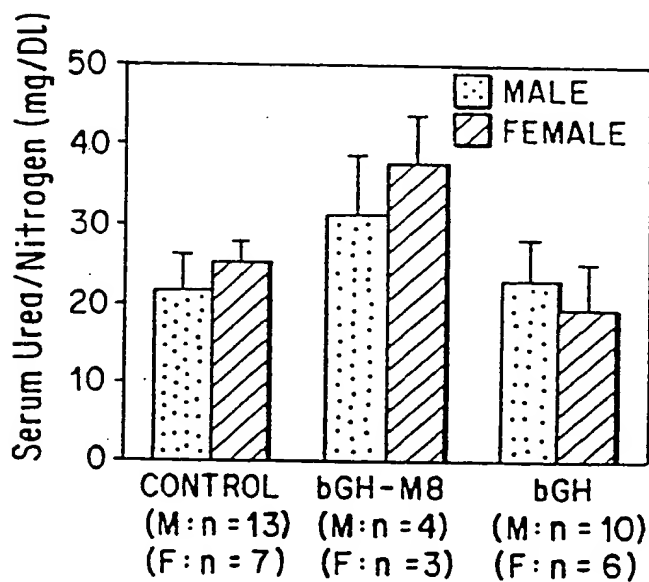
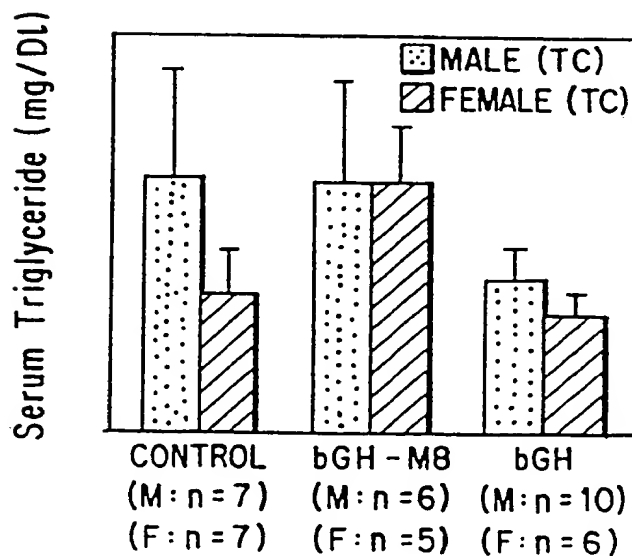


FIG. 9C



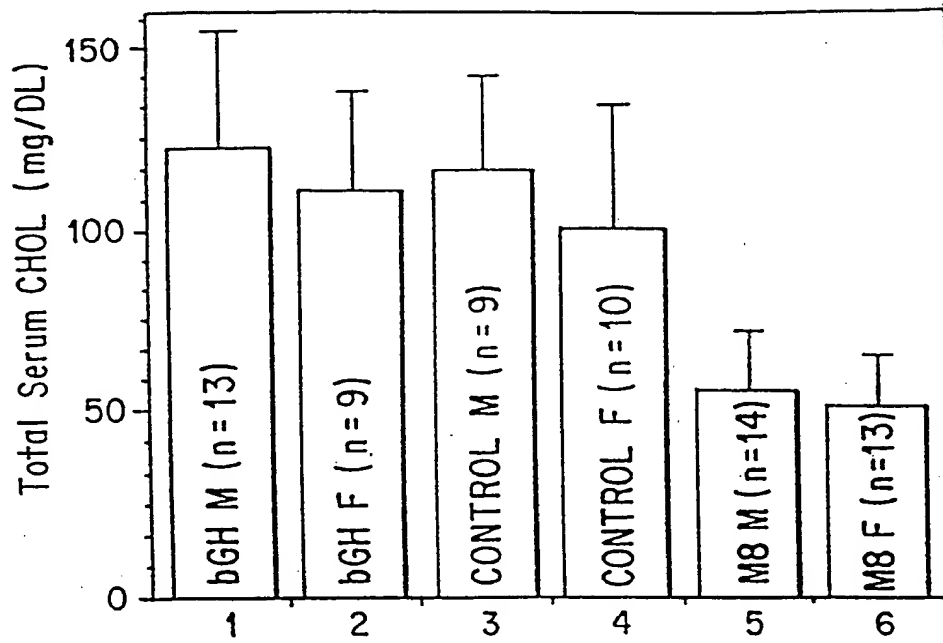


FIG. 10

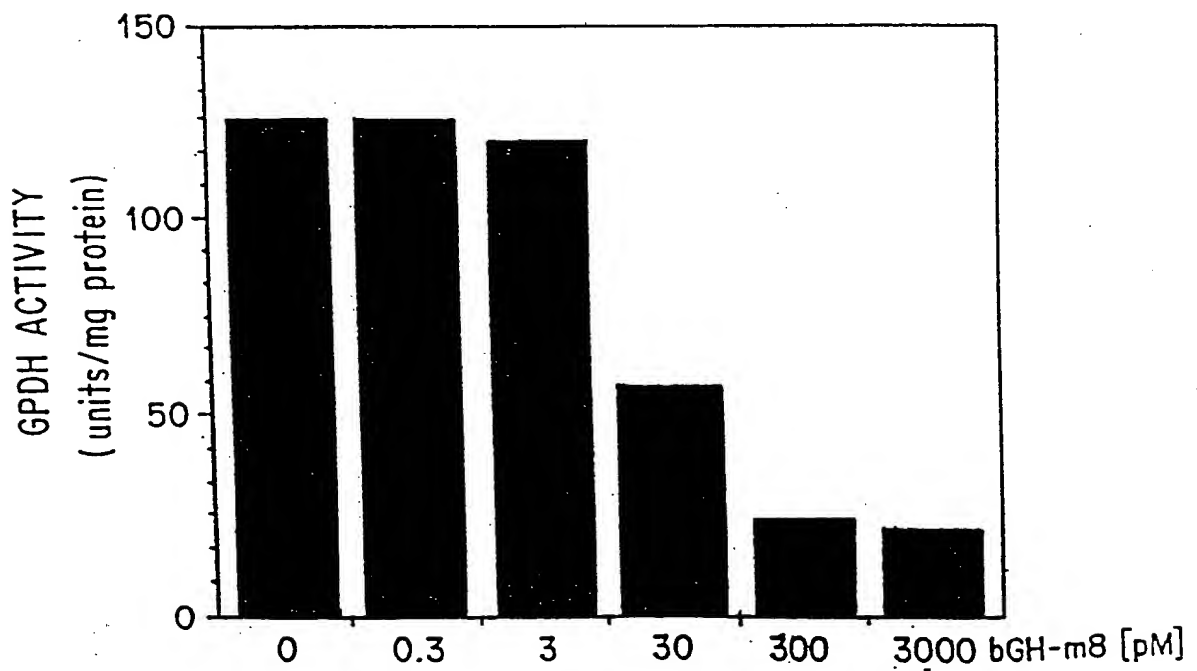


FIG. 11

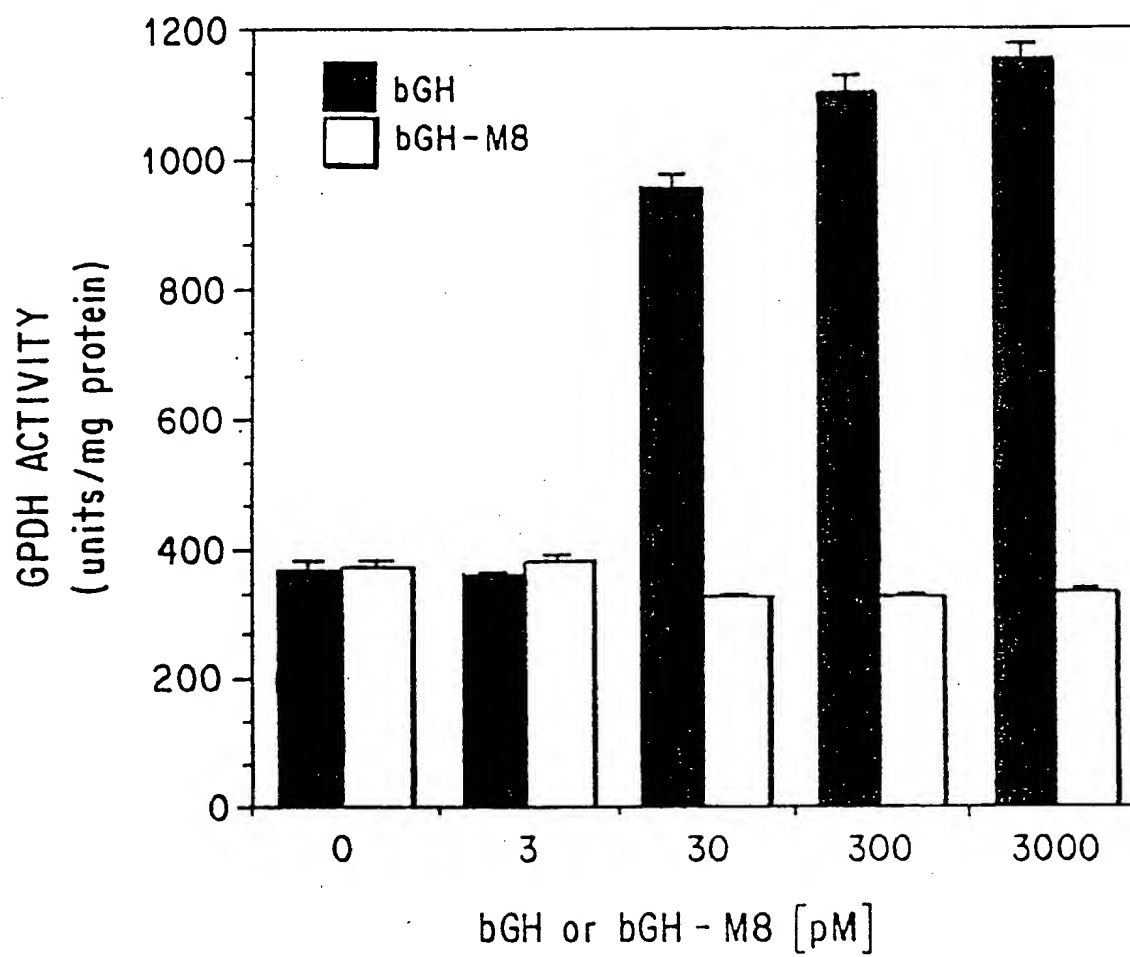


FIG. 12

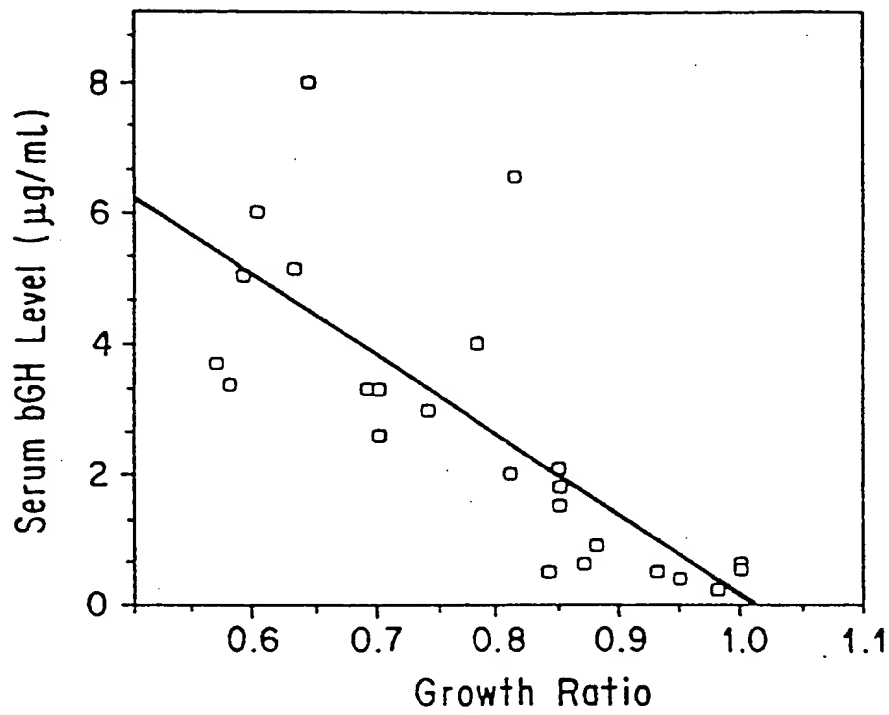


FIG. 13

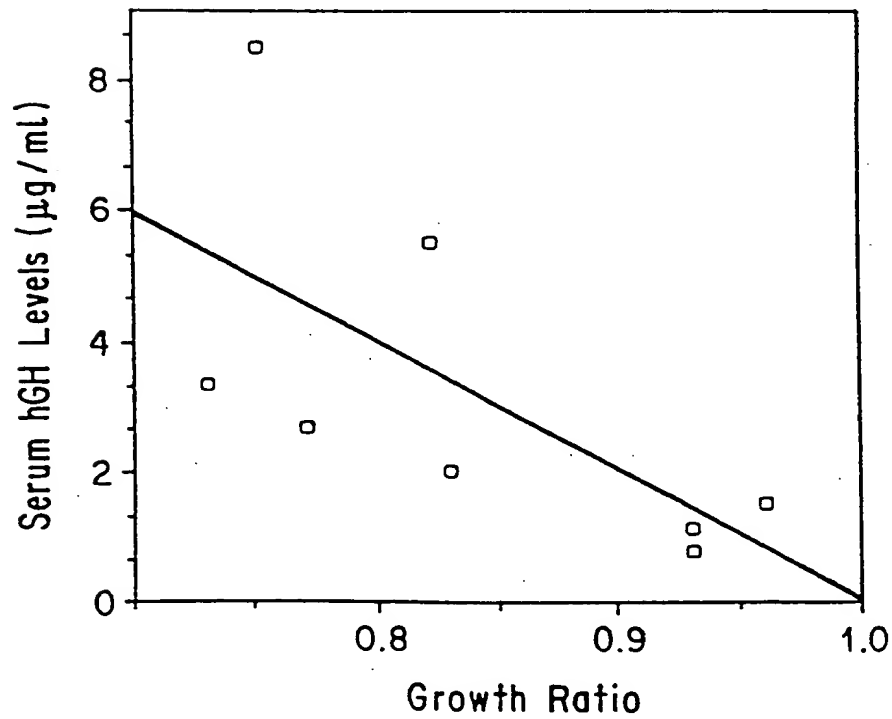


FIG. 14